

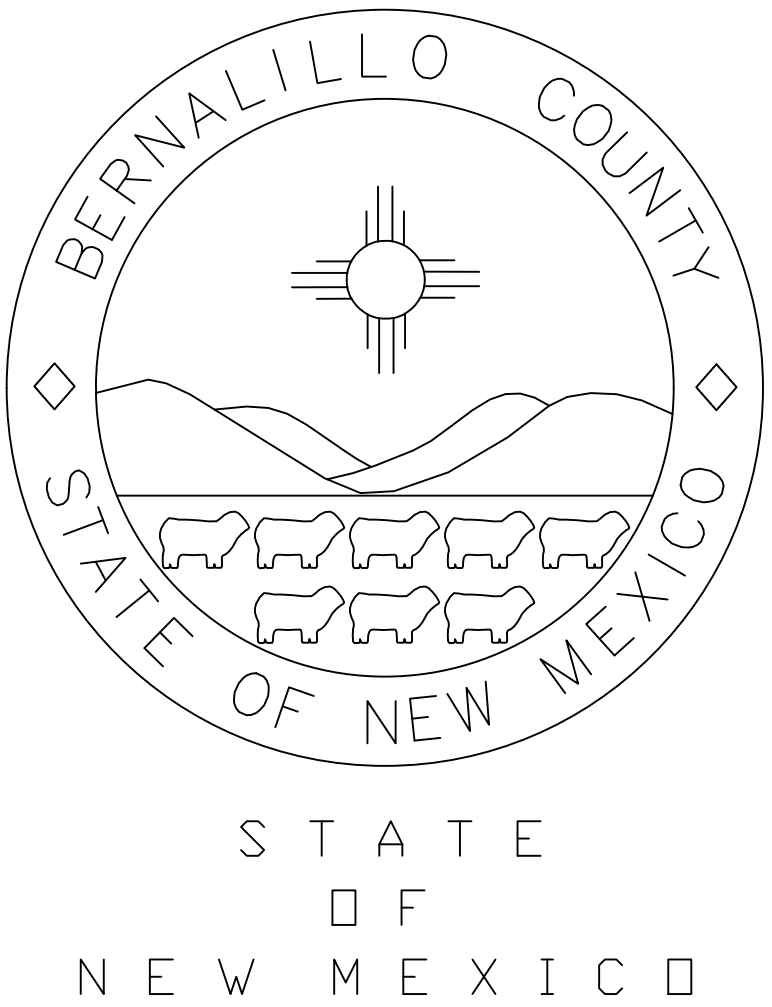
BERNALILLO COUNTY OF NEW MEXICO
PUBLIC WORKS DIVISION

CONSTRUCTION PLANS
FOR
SUNPORT BLVD EXTENSION
WAGNER STOCKPILE

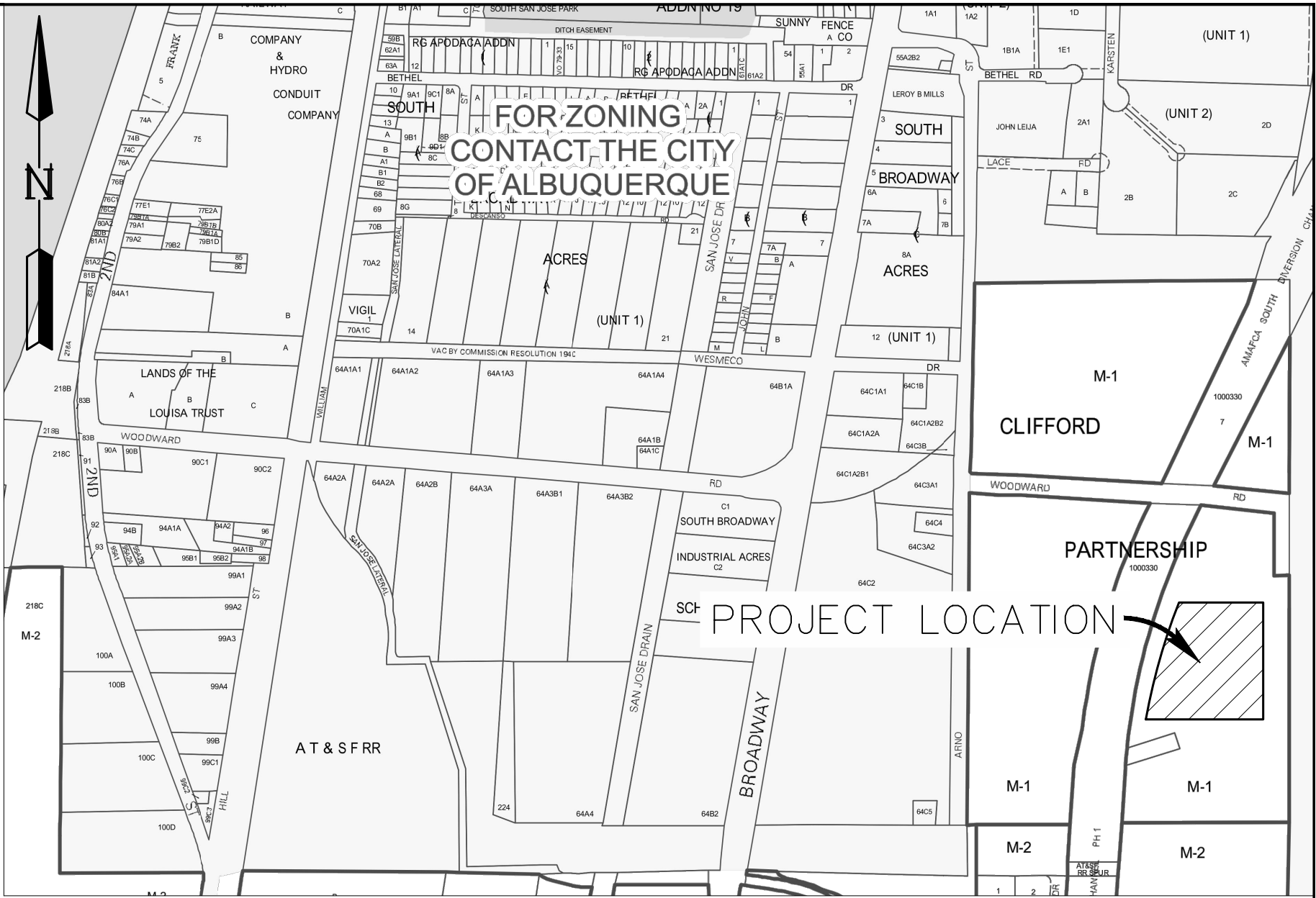
GRADING AND DRAINAGE PLAN

BERNALILLO COUNTY PUBLIC WORKS
PROJECT NO. XX.XXXX.XXXXXX

BERNALILLO
COUNTY
PUBLIC WORKS



SHEET	DESCRIPTION
1	COVER SHEET
2	GENERAL NOTES
3	SITE PLAN
4	GRADING PLAN
5	GRADING DETAILS



VICINITY MAP
Not to Scale
ZONE ATLAS MAP: M-14-Z

P.W.C.O. 20130047

BERNALILLO COUNTY PUBLIC WORKS DIVISION

APPROVED FOR RECORD DRAWINGS

WATER AUTHORITY ENGINEER

BohannonHuston

REV.	SHEETS	CITY ENGINEER	DATE	USER DEPARTMENT	DATE	USER DEPARTMENT	DATE
ENGINEERS STAMP & SIGNATURE	ENGINEERS STAMP & SIGNATURE	APPROVALS	ENGINEER	DATE	APPROVED FOR CONSTRUCTION PWCO 20140065		
		DRC Chairman			BC PWD Engineer		Date
		Transportation					
		Water/Wastewater					
		Hydrology					
		Water Resources			ABCWUA Engineer		Date
		Constr. Mngmt.					
		Constr. Coord.					
		City Project No.	XXXXXX		Sheet	Of	
					1		5

1. ALL WORK DETAILED ON THIS PLAN SET TO BE PERFORMED UNDER CONTRACT SHALL BE PERFORMED IN ACCORDANCE WITH THE PROJECT CONTRACT BOOK.
2. THE CONTRACTOR SHALL ABIDE BY ALL LOCAL, STATE, AND FEDERAL LAWS, REGULATIONS, AND RULES WHICH APPLY TO THIS PLAN SET.
3. THE CONTRACTOR SHALL BE REQUIRED TO CONFINED HIS WORK WITHIN THE CONSTRUCTION LIMITS, DESIGNATED CONSTRUCTION EASEMENTS ON THE PLAN SET, AND/OR RIGHT-OF-WAY LIMITS.
4. THE CONTRACTOR SHALL NOT STORE ANY EQUIPMENT OR MATERIAL WITHIN THE PUBLIC RIGHT-OF-WAY DURING NON-WORKING HOURS.
5. CONTRACTOR SHALL PARK EQUIPMENT AND VEHICLES SO AS TO NOT INTERFERE WITH NORMAL ACTIVITIES OF RESIDENTS OR OTHER CONTRACTORS ON-SITE.
6. THE CONTRACTOR SHALL NOT STORE EQUIPMENT OR MATERIAL WITHIN 20 FEET FROM THE EDGE OF THE DRIVING LANE DURING WORK HOURS UNLESS THE EQUIPMENT OR MATERIAL IS PROPERLY SHIELDED UTILIZING CURRENT SAFETY DESIGN AND INSTALLATION METHODS. THE SAFETY DESIGN FOR SHIELDING SHALL BE PROVIDED BY THE CONTRACTOR AND MUST BE APPROVED BY THE ENGINEER BEFORE IMPLEMENTING. THIS WORK, INCLUDING DESIGN, INSTALLATION, AND REMOVAL OF THE SHIELDING, SHALL BE AT THE CONTRACTOR'S EXPENSE AND NO SEPARATE MEASUREMENT OR PAYMENT WILL BE MADE.
7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ACQUIRING ALL PERMITS NECESSARY FOR CONSTRUCTION.

- BERNALILLO COUNTY SHERIFF'S OFFICE
- THE FIRE MARSHALL'S OFFICE
- COUNTY SOLID WASTE DEPARTMENT
- UNITED STATES POST OFFICE
- ALBUQUERQUE PUBIC SCHOOLS
- ALBUQUERQUE RIDE

9. THE FIRE DEPARTMENT SHALL BE NOTIFIED 48 HOURS IN ADVANCE BY THE CONTRACTOR, WHENEVER A FIRE HYDRANT IS TO BE REMOVED OR IS TO BE OUT OF SERVICE.

10. THE CONTRACTOR SHALL NOTIFY THE ABCWUA (857-8200) AT LEAST SEVEN (7) WORKING DAYS IN ADVANCE OF ANY WORK WHICH MAY AFFECT THE EXISTING PUBLIC WATER UTILITIES.

12. CONTRACTOR SHALL COORDINATE AND INFORM PROPERTY OWNER PRIOR TO THE REMOVAL OF LANDSCAPING AND/OR OTHER MISCELLANEOUS IMPROVEMENTS THAT MAY BE ENCOUNTERED ALONG STREET RIGHT-OF-WAY ABUTTING PRIVATE PROPERTY TO BE REMOVED TO CONSTRUCT THE PROJECT. CONTRACTOR SHALL GIVE PROPERTY OWNER OPPORTUNITY TO REMOVE ANY LANDSCAPING THAT THE PROPERTY OWNER MAY DESIRE TO REMOVE. THIS WORK IS AT THE CONTRACTOR'S EXPENSE AND NO ADDITIONAL PAYMENT SHALL BE MADE.

14. NOISE SUPPRESSION DEVICES SHALL BE KEPT IN WORKING ORDER ON ALL EQUIPMENT IN ACCORDANCE WITH ALL FEDERAL AND STATE REGULATIONS AND CITY ORDINANCE THROUGHOUT THE COURSE OF CONSTRUCTION.

15. ALL OF THE FOLLOWING SITE MAINTENANCE WORK SHALL BE AT THE CONTRACTOR'S EXPENSE AND NO SEPARATE PAYMENT SHALL BE MADE THEREFORE.

16. THE CONTRACTOR SHALL MAINTAIN A GRAFFITI-FREE WORKS SITE. THE CONTRACTOR SHALL PROMPTLY REMOVE ANY GRAFFITI FROM ALL EQUIPMENT AND STRUCTURES, WHETHER PERMANENT OR TEMPORARY.

18. THE EARTHWORK QUANTITIES WILL BE BASED ON FINAL VOLUMES COMPACTED IN PLACE ON-SITE EXCAVATION AND BACK FILL QUANTITY WILL BE BASED ON A SHRINKAGE FACTOR OF 30%.

19. UNLESS OTHERWISE STATED WITHIN THIS PLAN SET, ALL SIDE SLOPES SHALL BE 3:1 (HORIZONTAL TO VERTICAL) MAXIMUM, KEEPING SLOPES FLATTER WHEREVER POSSIBLE. SLOPES SHALL TRANSITION SMOOTHLY TO EXISTING GRADES IN ALL CASES.

20. THE CONTRACTOR SHALL WARP SLOPES WHERE NECESSARY TO STAY WITHIN THE RIGHT-OF-WAY OR CONSTRUCTION EASEMENT LIMITS.

21. THE CONTRACTOR IS RESPONSIBLE FOR EXAMINATION OF THE SITE AND DETERMINATION OF THE CHARACTER AND QUANTITY OF MATERIALS TO BE ENCOUNTERED.

2. IF ANY THREATENED OR ENDANGERED SPECIES OR THEIR HABITATS ARE DISCOVERED DURING CONSTRUCTION, WORK WILL CEASE IMMEDIATELY AND THE EPA WILL BE NOTIFIED IN ORDER THAT APPROPRIATE MEASURES CAN BE TAKEN IN ACCORDANCE WITH THE ENDANGERED SPECIES ACT.

3.CONSTRUCTION MATERIAL AND WASTE PRODUCTS, INCLUDING MACHINERY LEAKAGE, MAINTENANCE MATERIAL AND SPILLS, WILL BE CONTAINED AND PROPERLY DISPOSED PRIOR TO PROJECT COMPLETION.

4. IF HUMAN REMAINS ARE ENCOUNTERED DURING CONSTRUCTION, APPROPRIATE LAW ENFORCEMENT AUTHORITIES AND THE OFFICE OF THE MEDICAL EXAMINER WILL BE CONTACTED.

IF CULTURAL MATERIALS ARE DISCOVERED DURING CONSTRUCTION, WORK WILL CEASE IMMEDIATELY, AND EPA AND THE NEW MEXICO STATE HISTORIC PRESERVATION OFFICER AT (505) 827-4044, WILL BE NOTIFIED OF THE DISCOVERY. EPA WILL PROCEED IN ACCORDANCE WITH THE REGULATIONS OF THE ADVISORY COUNCIL ON HISTORIC PRESERVATION PRIOR TO TAKING ANY ACTION WHICH WOULD AFFECT THE CULTURAL RESOURCES.

6. THE CONTRACTOR IS RESPONSIBLE FOR PROTECTING AND MAINTAINING ALL EXISTING SURVEY MONUMENTATION CONTROLS. SURVEY MONUMENTS DISTURBED BY THE CONTRACTOR SHALL BE RESTORED AT THE CONTRACTOR'S EXPENSE. NOTIFY MONUMENT OWNER 48 HOURS PRIOR TO ANY WORK AROUND EXISTING MONUMENTS.

7. CONSTRUCTION STAKING SHALL INCLUDE ALL SURVEYING AND CONTROL STAKING NECESSARY TO ESTABLISH THE PROJECT CONSTRUCTION BASELINE, TOE OF SLOPE CATCH POINTS, AND ALL OTHER INFRASTRUCTURE DESIGNATED IN THE CONSTRUCTION PLANS SET AS REQUIRED FOR CONSTRUCTION OF THE PROJECT. SUCH INFRASTRUCTURE SHALL INCLUDE BUT NOT BE LIMITED TO ALL SURFACING, STORM DRAIN LINES, SEWER LINES, WATER LINES AND SERVICE LINES. (ONLY IF CONSTRUCTION STAKING IS INCLUDED IN THE BID)

8. IT SHALL BE THE CONTRACTOR'S SOLE RESPONSIBILITY TO REESTABLISH ANY MISSING REFERENCE POINTS REQUIRED FOR CONSTRUCTION OF THE PROJECT INFRASTRUCTURE. ALL COSTS INCURRED IN PROVIDING SUCH CONSTRUCTION STAKING AND SURVEYING WORK SHALL BE PAID AS SHOWN IN THE BID PROPOSAL.

9. PROVIDE A WEEKLY CONSTRUCTION ACTIVITY SCHEDULE TO BERNALILLO COUNTY PUBLIC WORKS DIVISION, ATTN: COUNTY PROJECT MANAGER.

0. THE CONTRACTOR SHALL NOTIFY THE COUNTY AND/OR CITY IN WRITING A MINIMUM OF FIVE (5) WORKING DAYS PRIOR TO ANY WORK WITHIN ANY COUNTY OR CITY RIGHT-OF-WAY.

1. THE CONTRACTOR SHALL COORDINATE WITH ALBUQUERQUE PUBLIC SCHOOLS AND WITH ABQ RIDE TO ACCOMMODATE THE SCHEDULE FOR ALL DESIGNATED BUS ROUTES.

2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MISCELLANEOUS SITE PREPARATION AND CLEANUP WORK REQUIRED TO COMPLETE THE PROJECT.

3. THE CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE CAUSED BY IT TO EXISTING WALLS, FENCES, SIDEWALKS, TRAIL SURFACES, IRRIGATION LINES, LANDSCAPING, VALVE BOXES, MANHOLES, ETC. DURING CONSTRUCTION AND SHALL REPAIR OR REPLACE SAME AT THEIR OWN EXPENSE.

4. UPON COMPLETION OF CONSTRUCTION, ALL AREAS WITHIN PROJECT LIMITS WHICH ARE DISTURBED OR ARE TO BE RE-VEGETATED SHALL BE SEEDED IN ACCORDANCE WITH SECTION 1012 "NATIVE PLANT SEEDING" OF THE COA STANDARD SPECIFICATIONS, EXCEPT AS MODIFIED HEREIN.

5. THE CONTRACTOR SHALL ENSURE THAT DAMAGE TO OR REMOVAL OF VEGETATION WILL BE KEPT TO A MINIMUM AND THAT NO EXTRANEOUS CLEARING, GRUBBING, LAND DISTURBANCE OR EXCAVATION WILL TAKE PLACE. CONSISTENT WITH THE REQUIREMENTS OF THE DEPARTMENT'S STANDARD SPECIFICATIONS SECTION 107.28 PROTECTION & RESTORATION OF PROPERTY & LANDSCAPING, SECTION 201, CLEARING & GRUBBING, AND SUBSECTION 603.32, CONTRACTOR'S OPERATIONS. THE CONTRACTOR SHALL SEE IT TO THAT TREES AND SHRUBS WITHIN THE RIGHT-OF-WAY AND ALONG THE FENCE LINES ARE NOT OVERRUN OR DAMAGED BY CONSTRUCTION EQUIPMENT UNNECESSARILY.

6. ALL AREAS DISTURBED BY THE CONTRACTOR SHALL HAVE TEMPORARY AND PERMANENT EROSION CONTROL MEASURES IMPLEMENTED BY THE CONTRACTOR SHALL BE IN ACCORDANCE WITH THE NEW MEXICO WATER UTILITY ACT AND APPLIANCE CLEAN WATER ACT PERMITS AND REGULATIONS. THE CONTRACTOR SHALL BEAR THE FULL COST OF IMPLEMENTATION OF EROSION CONTROL MEASURES AND VEGETATION RE-MEDIATION NECESSARY DUE TO THE CONTRACTOR'S NEGLIGENCE SHALL BE DETERMINED BY THE PROJECT MANAGER AND THE ENVIRONMENTAL PROGRAM MANAGER'S REPRESENTATIVE. THIS WORK WILL BE CONSIDERED INCIDENTAL TO CONSTRUCTION AND NO MEASUREMENT OR PAYMENT WILL BE MADE.

7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPORTING AND CLEANUP OF SPILLS ASSOCIATED WITH PROJECT CONSTRUCTION AND SHALL REPORT AND RESPOND TO SPILLS OF HAZARDOUS MATERIALS SUCH AS GASOLINE, DIESEL, MOTOR OILS, SOLVENTS, CHEMICALS, TOXIC AND CORROSIVE SUBSTANCES, ETC., WHICH MAY BE A THREAT TO PUBLIC HEALTH OR THE ENVIRONMENT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPORTING DISCOVERIES OF PAST SPILLS AND OF CURRENT SPILLS NOT ASSOCIATED WITH CONSTRUCTION. REPORTS SHALL BE MADE IMMEDIATELY TO THE NM ENVIRONMENT DEPARTMENT EMERGENCY RESPONSE AT 827-9329. NON-EMERGENCIES MAY BE REPORTED TO 428-2500.

8. CONTRACTOR SHALL CONFORM TO ALL LOCAL AND FEDERAL DUST AND EROSION CONTROL REGULATIONS. THE CONTRACTOR SHALL PREPARE AND OBTAIN ANY DUST CONTROL OR EROSION CONTROL PERMITS FROM THE APPROPRIATE REGULATORY AGENCIES. WATERING, AS REQUIRED FOR CONSTRUCTION DUST CONTROL, SHALL BE CONSIDERED INCIDENTAL TO CONSTRUCTION AND NO SEPARATE MEASUREMENT OR PAYMENT SHALL BE MADE.

9. CONSTRUCTION AREAS SHALL BE WATERED FOR DUST CONTROL IN COMPLIANCE WITH GOVERNMENT ORDINANCES. THE CONTRACTOR SHALL COORDINATE WITH ABCWUA FOR WATER AVAILABILITY AND USE. THE CONTRACTOR SHALL SUPPLY ALL EQUIPMENT AND MATERIALS NECESSARY FOR PROVIDING WATER. THE CONTRACTOR WILL CONFINED HIS WORK WITHIN THE CONSTRUCTION EASEMENT LIMITS AND/OR RIGHT-OF-WAY OR PROVIDE COPIES OF AGREEMENTS WITH ADJACENT LANDOWNERS TO THE COUNTY.

8/26/2019

AS-BUILT INFORMATION

BENCH MARKS

REMARKS
REVISIONS

...BRANDENBURG
T.FREEL

T. FREEL
L. BRANDENBURG

BRANDENBURG

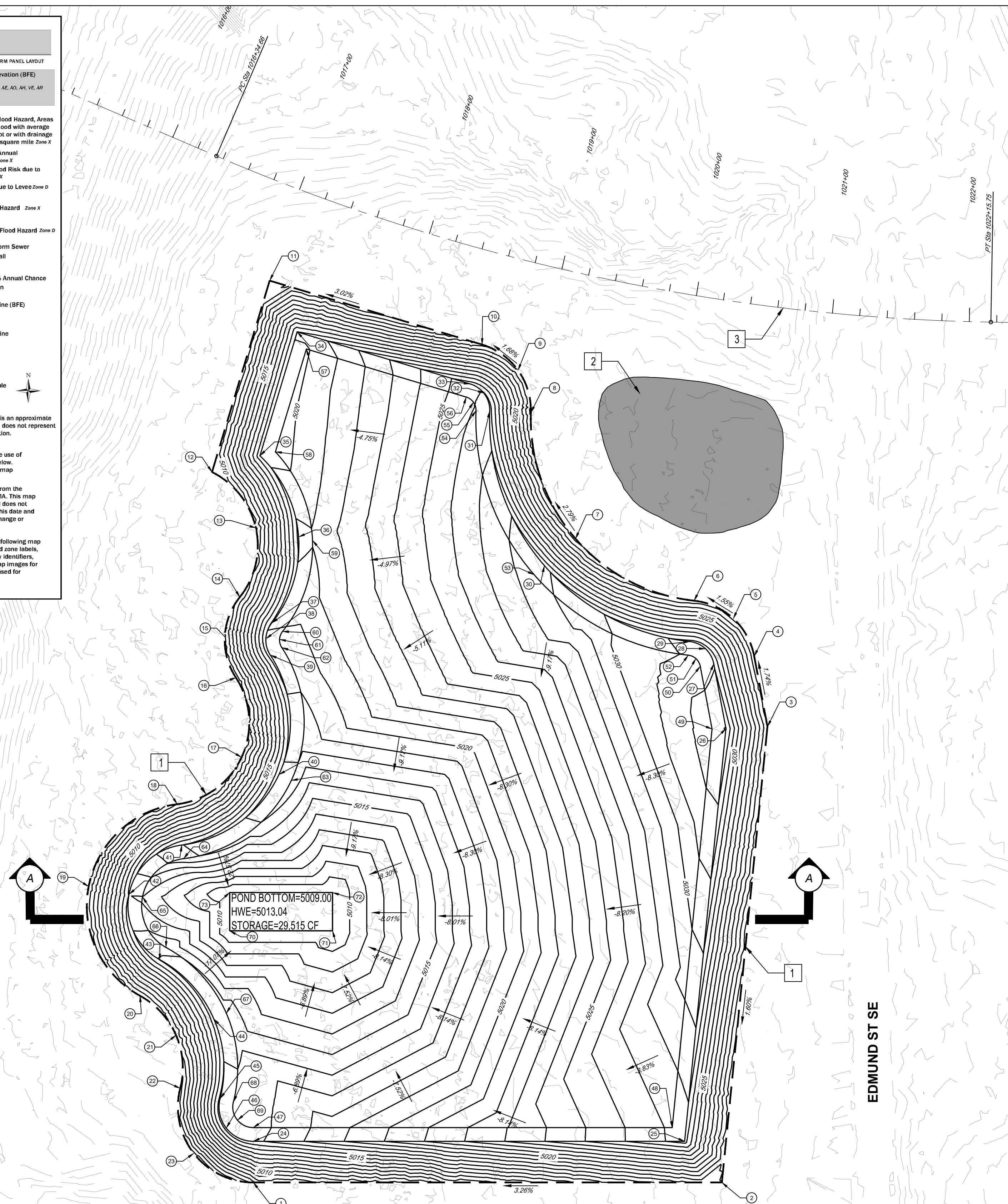
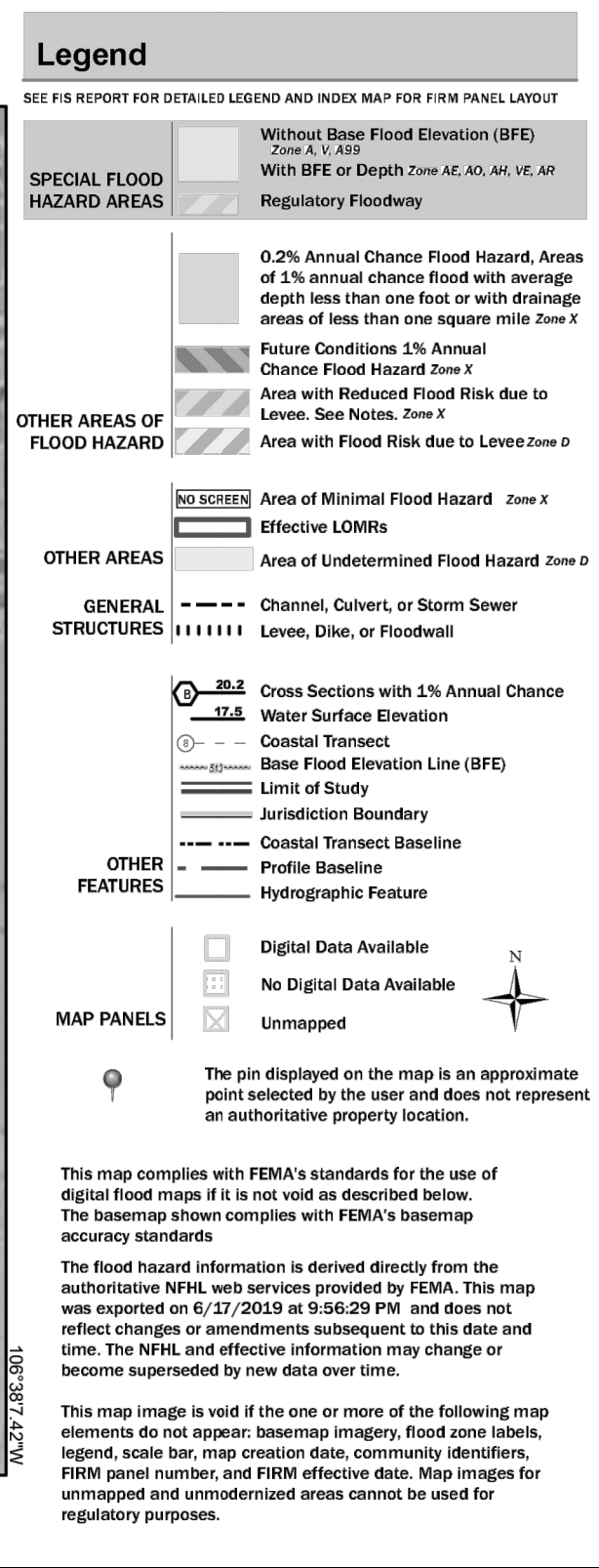


SUNPORT BLVD EXTENSION WAGNER STOCKPILE GENERAL NOTES

BHI PROJECT NO. 20180343

DWG NO.	2-GN
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SHEET 2 OF 5



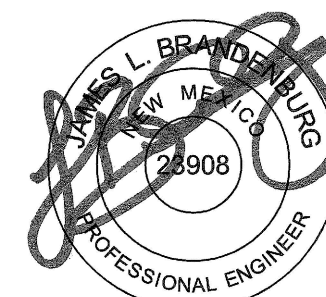
PLAN DRAWING SCALE: 1"=50'

1. SEE SITE PLAN AND GRADING DETAILS SHEETS FOR MORE INFORMATION.
2. SEE GRADING DETAILS SHEET FOR CROSS SECTION INFORMATION.
3. SEE GRADING DETAILS SHEET FOR POINT INFORMATION.

☐ KEYED NOTES:

1. GRADING LIMITS. LIMITS SHALL BE DRAPED ON EXISTING SURFACE. CONTRACTOR SHALL NOTIFY PROJECT MANAGER OF ANY DISCREPANCIES.
2. PROTECTED AREA - DO NOT DISTURB.
3. CONSTRUCTION CL - SUNPORT BLVD EXTENSION.

ENGINEER'S SEAL



8/26/2019

[illegible]

Area	Land Treatment Percentages
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		This table is based on the DPM Section 22.2, Zone 1/2									
SUB-BASIN	Area	Area	Land Treatment Percentages				Q(100)	Q(100)	WT E	V(100) ₃₆₀	V(100) ₁₄₄₀
ID	(SQ. FT)	(AC.)	A	B	C	D	(cfs/ac.)	(cfs)	(inches)	(CF)	(CF)
Existing Basin	223550	5.13	100.0%	0.0%	0.0%	0.0%	1.71	8.78	0.62	11550	11550
Proposed Basin	223550	5.13	0.0%	0.0%	100.0%	0.0%	3.05	15.65	1.03	19188	19188

Mon, 26-Aug-2019 - 3:45:pm, Plotted by: LBRANDENBURG
P:\20180343\WMDOT-PCN\Proposed\Roadwaydesign\Wagner Dirt\Plans\20180343W_4-GP.dwg

Bohannon  **Huston**
www.bhinc.com 800.877.5332

**SUNPORT BLVD EXTENSION
WAGNER STOCKPILE
GRADING PLAN**

BHI PROJECT NO.	20180343
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DWG NO.	4-GP
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SHEET 4 OF 5

